

## ABSTRACT

It is intended to provide a method and system for carrying out data production with respect to the actual status of cells as a profile. It is also intended to provide a system and method for presenting time-lapse and/or real-time information of cell interior directly, or as it is, from the viewpoint of a complex system. It is further intended to provide a method of presenting a digital cell. Thus, there is provided a method of producing profile data relating to cell information, comprising the step (a) of arranging cells in an immobilized form on a support and the step (b) of monitoring over time biological factors on or inside the cells or an aggregate thereof, thereby producing profile data for the cells. Furthermore, there is provided a method of producing a digital cell, comprising procuring experimental data by the use of the above method.